

O P E JCA
SEP 02 2003
P R I V A T E I M A G E

Sheet 1 of 2

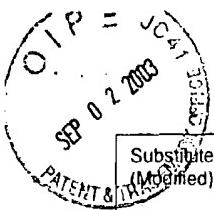
| | | | |
|--|--|---------------------------------------|-------------------------------|
| Substitute Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 08919-094001 | Application No. 10/630,343 |
| Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b)) | | Applicant Tsann-Long Su et al. | |
| | | Filing Date July 30, 2003 | Group Art Unit |

| U.S. Patent Documents | | | | | | | |
|-----------------------|-----------|-----------------|------------------|-----------------|-------|----------|----------------------------|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
| CA | AA | 5,939,428 | 08/17/1999 | Su et al. | 514 | 297 | — |
| CA | AB | 5,354,864 | 10/11/1994 | Watanabe et al. | 546 | 106 | — |
| | AC | | | | | | |

| Foreign Patent Documents or Published Foreign Patent Applications | | | | | | | |
|---|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |
| | | | | | | | Yes No |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |

| Other Documents (include Author, Title, Date, and Place of Publication) | | |
|---|-----------|---|
| Examiner Initial | Desig. ID | Document |
| CA | AG | Zaimen A. Arlin, "Current Status of Amsacrine (AMSA) Combination Chemotherapy Programs in Acute Leukemia", <u>Cancer Treatment Reports</u> , Vol 67, No. 11, pp. 967-970 (November 1983) |
| CA | AH | Bruce C. Baguley, et al., "Potential Antitumor Agents. 34. Quantitative Relationships between DNA Binding and Molecular Structure for 9-Anilinoacridines Substituted in the Anilino Ring", <u>J. Med. Chem.</u> , Vol. 24, pp. 170-177 (1981) |
| CA | AI | Bruce C. Baguley, et al., "Synthesis, Antitumor Activity, and DNA Binding Properties of a New Derivative of Amsacrine, N-5-Dimethyl-9-[(2-methoxy-4-methylsulfonylamino)phenylamino]-4-acridinecarboxamide ^{1,2} ", <u>Cancer Research</u> , Vol. 44, pp. 3245-3251 (August, 1984) |
| CA | AJ | B.F. Cain et al., "The Experimental Antitumour Properties of Three Congeners of the Acridylmethanesulphonanilide (AMSA) Series" <u>European Journal of Cancer</u> , Vol. 10, No. 8, pp. 539-549 (August 1974) |
| CA | AK | Bruce F. Cain et al., "Potential Antitumor Agents. 16. 4'-(Acridin-9-ylamino)methanesulfonanilides", <u>Journal of Medicinal Chemistry</u> , Vol. 18, No. 11, pp. 1110-1117 (1975) |
| CA | AL | Bruce F. Cain et al., "Potential Antitumor Agents. 14. Acridylmethanesulfonanilides", <u>Journal of Medicinal Chemistry</u> , Vol. 17, No. 9, pp. 922-930 (1974) |
| CA | AM | William A. Denny et al., "Potential Antitumor Agents. 36. Quantitative Relationships between Experimental Antitumor Activity, Toxicity, and Structure for the General Class of 9-Anilinoacridine Antitumor Agents", <u>J. Med. Chem.</u> , Vol. 25, pp. 276-315 (1982) |
| CA | AN | Gordon W. Rewcastle et al., "Potential Antitumor Agents. 46. Structure-Activity Relationships for Acridine Monosubstituted Derivatives of the Antitumor Agent N-[2-(Dimethylamino)ethyl]-9-aminoacridine-4-carboxamide", <u>J. Med. Chem.</u> , Vol. 29, pp. 472-477 (1986) |
| CA | AO | I.G. C. Robertson et al., "Differences in the metabolism of the antitumour agents amsacrine and its derivative CI-921 in rat and mouse", <u>Xenobiotica</u> , Vol. 22, No. 6, pp. 657-669 (1992) |

| | | | |
|--|--------|-----------------|---------|
| Examiner Signature | AWLACH | Date Considered | 4-12-04 |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | |



Sheet 2 of 2

| | | | |
|--|--|---------------------------------------|-------------------------------|
| Substitute Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 08919-094001 | Application No. 10/630,343 |
| Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b)) | | Applicant Tsann-Long Su et al. | |
| | | Filing Date July 30, 2003 | Group Art Unit |

| Other Documents (include Author, Title, Date, and Place of Publication) | | |
|---|-----------|---|
| Examiner Initial | Desig. ID | Document |
| CA | BA | L G. C. Robertson et al., "Involvement of Glutathione in the Metabolism of the Anilinoacridine Antitumour Agents CI-921 and Amsacrine", <u>Drug Metabolism and Drug Interactions</u> , Vol. VI, No. 3-4, pp. 371-381 (1988) |
| CA | BB | T. D. Sakore et al., "Visualization of Drug-Nucleic Acid Interactions at Atomic Resolution", <u>J. Mol. Biol.</u> , Vol. 135, pp. 763-785 (1979) |
| CA | BC | D. D. Shoemaker et al., "Identification of the Principal Biliary Metabolite of 4'-(9-Acidinylamino)Methanesulfon-m-Aniside in Rats", <u>Drug Metabolism and Disposition</u> , Vol. 10, No. 1, pp. 35-39 (Jan/Feb 1982) |
| CA | BD | D. D. Shoemaker et al., "Metabolism of 4'-(9-Acidinylamino)methanesulfon-m-aniside by Rat Liver Microsomes", <u>Cancer Research</u> , Vol. 44, pp. 1939-1945 (May 1984) |
| CA | BE | Su et al., "A new class of water soluble acridinyl derivatives that exhibit Topo II mediated DNA cleavage and antitumor efficacy", <u>Am. Cancer Res.</u> , 368, 2190 (1994) from the abstract book of the 85 th meeting of the American Association for Cancer Research (April 10-13, 1994) |
| CA | BF | Su et al., "9-Substituted Acridine Derivatives with Long Half-Life and Potent Antitumor Activity: Synthesis and Structure – Activity Relationships", <u>J. Med. Chem.</u> , Vol. 38, pp. 3226-3235 (1995) |
| CA | BG | Su et al., "Synthesis and Structure – Activity Relationships of Potential Anticancer Agents: Alkylcarbamates of 3-(9-Acidinylamino)-5-hydroxymethylaniline", <u>J. Med. Chem.</u> , Vol. 42, pp. 4741-4748 (1999) |
| CA | BH | Su et al., "Development of 3-(9-Acidinylamino)-5-hydroxymethyl-anilines as Potential Topoisomerase II-Mediated Anticancer Agents", <u>Cancer Detect. Prev. 2000/Suppl.</u> , Vol. 24, pp. 211 (2000) |
| | BI | |
| | BJ | |

| | |
|--|-----------------|
| Examiner Signature | Date Considered |
| AULACK | 4.12.04 |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |